Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 01 Nov 2023 until 23:59 on Thursday 02 Nov 2023

Forecast Issued on Wednesday 01 Nov 2023 at 00:26

Confidence: High for unsettled conditions through Wednesday and Thursday but lower for details due to uncertainties over exact track of Storm Ciarán. Medium confidence for rather more settled later in week.

Headline for Wednesday 01 Nov 2023: Early rain then showers. Breezy

Mountain weather hazards on Wednesday 01 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Fog	Light rain showers	Heavy rain showers	Light rain showers (night)	Light rain showers (night)
Precipitation probability					
90%	60%	20%	50%	30%	30%

Forecast for Wednesday 01 Nov 2023

Weather: Wet to start with occasionally heavy rain clearing northeast through the morning. Sunny spells and occasionally heavy, perhaps thundery, showers developing for the afternoon. Showers most frequent across western hills, with the best of any sunnier spells in the east. Further showers through the evening, these dying out later.

Chance of cloud-free hill tops above 600m: Little chance at first becoming around 80% by late morning, chances fall to around 40% in the west for a time in the afternoon.

Low Cloud and visibility: Extensive cloud, base 300-500m at first with patches lower in the east. Cloud lifting and breaking, becoming mostly patchy above 600-750m, but in the west there will be periods above 600m in heavier showers. Visibility poor to very poor at first, becoming good or very good away from low cloud and showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 01 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 E	16/23 S	19/28 S	24/36 SW	21/32 SW	17/26 S	11/19 SE
300	12/26 E	10/22 S	12/25 S	16/32 SW	12/27 SW	8/20 S	6/16 SE
Valley	14/33 E	9/22 S	12/24 S	14/30 SW	10/26 SW	9/22 S	8/18 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	7/4	7/3	6/1	5/-1	3/-2	3/-2
300	8/5	9/7	10/8	8/4	7/3	5/2	4/2
Valley	9/6	11/9	12/10	9/6	8/6	7/4	6/3
Freezing Level*	2200m	2100m	1500m	1500m	1300m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts perhaps reaching 50mph over exposed ridges and summits, with an increasing chill effect through the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 01 Nov 2023	10mm	11.8mm	18.2mm

Forecast for Thursday 02 Nov 2023

Weather: Mainly dry at first with clear spells, but cloud increasing through the early hours with outbreaks of rain spreading north towards dawn. Then a mostly cloudy day with further outbreaks of rain, heavy at times. Windy.

Maximum wind: Southeasterly 15-20mph soon backing northeasterly 30mph, with risk of gusts 55mph over ridges and summits by dawn, winds backing more northerly and easing 20-25mph through the afternoon.

Chance of cloud-free hill tops above 600m: 80% at first, soon becoming little chance through the early hours. Perhaps 30% at times in the west.

Low Cloud and visibility: Extensive cloud above 450-600m, but more occasional above 600-750m at times in the west. Visibility generally poor or very poor in rain and low cloud. Perhaps briefly good away from cloud and rain.

Temperature: **Valleys:** Around plus 3 Celsius rising to plus 8 Celsius
At 600m: Around plus 5 Celsius
Freezing level: Above the summits.

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